

## THE ULTIMATE HEALTH MACHINE?

By Duncan Roads

It is not often that I will describe something so glowingly, but this time I am really impressed.

I journeyed recently down to Byron Bay, where I had booked in for a "session" on a machine I was recommended to see, and try.

Now I, like many readers, have heard of many wonderful gadgets and machines before, but this is the only machine to date, where I could watch the digital readouts of the acupuncture energy points being measured, displayed on a computer screen. What I really liked about this was the understanding that I was receiving a totally unique and individual 'diagnosis' of where my body was 'at'.

### Background

The electrocardiograph (ECG or EKG) illustrates the function of the heart by displaying the small voltages generated by the contraction of the heart muscle. The basis for the electrocardiogram was developed by a Dutch physician as far back as 1903.

While the ECG uses small voltages for measurement, Transcutaneous Electrical Nerve Stimulation (TENS) and Neuromuscular Electrical Stimulation (NMES) use large voltages for treatment. During the 1970's, it was reported that post-operative pain, ileus and the duration of intensive care by using TENS had decreased. By the late 1980's, TENS had become an accepted way for reducing pain and NMES had been accepted for the treatment of disuse atrophy.

Darrow, Brown, Cattell, Tiller and Voll found important applications for electric measurement. Darrow, who is considered the father of modern psychophysiology, wrote that "the decreased resistance typical of the galvanic skin reflex is a function, just as are many other physiological changes, of the breakdown of the semipermeable membranes of the body. It is not due to the mere presence of conductive moisture of the skin." He wrote that "records from symmetrically opposite parts of the body are shown

to correspond closely in reaction and resistance level except in certain pathological conditions. Hemilepsis, during quiet periods, tends to show high palm resistance and greater reactivity of the affected side." Brown observed that the 'soundness of constitution' corresponded to the resistance. Cattell observed that good physical condition related to a stable resistance. Tiller developed models that showed the skin functioned as a dynamic electrical circuit.

Beginning in the 1940's, Voll measured the "body energy" using skin resistance. He discovered:-

1. The resistance of the body is not homogeneous.
2. Meridians show electrical fields.
3. Meridians generate the body's energy.
4. The skin (epidermis) is a semi-insulator to the external environment.

During a skin conductance measurement, the body becomes part of a closed circuit. The conductance instrument contacts two areas of the body. Often the ground electrode contacts a large area, such as the palm of the hand, while the probe touches a specific point. After completing the closed circuit, a known electric current is output from the instrument through the probe, through the body, and back to the instrument through the ground electrode. The instrument then measures the amount of electrons that flowed while the circuit was closed. The amount represents a conductance value. However, this is not an ordinary measurement because the body, especially at an energy point, does not behave like a static, unchanging electronic component. A dynamic measurement is taken.

For the last 50 years, physicians have studied the electronic properties of the body. A physician, Dr. Reinhold Voll, found each acupuncture point had some unique characteristics when he applied a current. Normally it had a lower resistance value than the tissue around it, but the value would change depend-



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ing on the status of its meridian system. A scientist, Dr. William Tiller, described the actions that occur at the acupuncture point when a current is applied.

Voll had learned that the body had about 1000 points on the skin which followed twelve lines called meridians. The Chinese said the meridians were channels of energy. Each meridian was a window to the status of an organ system in the body. As Voll began experiments to influence the strength and flow associated with the acupuncture points, he discovered the need for some way to measure the flow. He and Dr. Fritz Werner created an instrument to measure the galvanic skin resistance (GSR) at the acupuncture points. They established a scale from 0 to 100 with 50 as the normal GSR. Readings above 50 indicated an inflammation of the organ associated with the meridian; readings below 50 indicated a degeneration.

After the first instrument, the K+F Diatherapuncture, Voll developed the Dermatron. Though the actual events occurring during a measurement were

not known, the Dermatron became established as a GSR instrument.

Voll also established the techniques for using the Dermatron and called it Electro-Acupuncture according to Voll (EAV). The first part of the technique is taking the GSR measurement; the second part is feedback. Voll discovered the feedback during a demonstration. After testing a doctor, he recommended a remedy for him. Then they stopped for lunch. After lunch Voll continued the demonstration with the doctor, but he soon became puzzled because the doctor's reading was normal though it had been high. Upon questioning the doctor, Voll discovered that he had received the remedy that had been recommended. However, the doctor had not taken the remedy. He carried it in his pocket. When Voll had the doctor place the remedy aside, the reading again was high. Voll discovered that he could test the remedies against the points that were not normal.

This process of testing different remedies until finding one that brought the reading to a 50 was called "normalising" or more appropriately, "optimis-

ing".

The Life Information System TEN (LISTEN) takes this concept to the point where the energy meridian points are 'measured', and a host of different remedies are tested against these readings, so as to find the remedy which optimises the original reading.

This means that the computer programme has in its memory, the 'readings of every homeopathic remedy, and the readings for each potency of each remedy, plus the same for Bach Flowers, vitamins, minerals, herbs, cell salts, viruses, bacteria, heavy metals, chemicals, foods, fungi, yeast etc etc.

#### **Conclusion:**

It is now several weeks since my visit to the Hi Tech Health Centre at Byron Bay, and I am still very pleased with my results.

I was given lengthy computer readouts indicating the over or under-activity of my organs, glandular systems, circulation, tissue; plus I got a readout of over 150 food reaction readings, (which listed several foods that were unknown to me have detrimental effects on various parts of my body);

plus I got a complete readout of my vitamin and mineral levels, and details of what chemicals, bacteria and viruses were affecting me and why.

I thoroughly encourage the therapists and doctors among our readers to investigate this machine, and peruse the many successful cases it has dealt with.

All in all, I highly recommend it!

For more details, refer to their advert on the previous page.

## LIGHTNING & THE SCHUMANN RESONANCE

The debate continues as to whether or not the Earth's atmosphere is heating up or not. While greenies prefer to believe some scientists' claims, other scientists' findings are ignored. Wouldn't it be easy if we could just stick a thermometer up into the air and read the number.

Well, Earle Williams, an atmospheric physicist at the Massachusetts Institute of Technology, believes that you can. His 'thermometer' called the Schumann resonance, - is a world-wide electrical effect which was discovered in the 1950s. The resonance, which rolls around the world approximately 8 times a second, has been described as, the collective electromagnetic echo of every thunderstorm on earth.

Dr. William's claim that the resonance can be used as a global thermometer comes in two parts.

First that the amount of lightning in any one area is related to the local air temperature, and second, that the more lightning there is in the world, the 'louder' the resonance becomes.

Thus by integrating the electrical

'noise' from all the lightning strikes in the world, the resonance reflects the average temperature of the world's air.

So far, data taken from Florida, French Guiana, and Australia has shown the expected correlation between the number of lightning flashes and the average monthly temperature.

(Source: *The Economist*, 26/9/92)

## THE CONCRETE THAT REPAIRS ITS OWN CRACKS

This new 'smart' concrete designed by Dr. Carolyn Dry, Associate Professor of Architecture at the University of Illinois, has the ability to repair its own cracks.

The concrete contains coated, hollow fibres which are filled with specific chemicals and distributed throughout the cement. When the concrete cracks, it breaks open the stiff coating of a nearby fibre that then releases its chemicals - an adhesive, polymer compound, to fill in the area.

(Source: *Sun-Herald*, 27/9/92)

## THE LYMPHACISER

"There has never been a scientific discovery that will have a greater effect upon man than the new discovery concerning the blood proteins, the albumen, the globulin, and fibrinogens.

This scientific discovery is: *If the blood proteins cannot be removed from the spaces around the cells by the lymphatic system, they can cause our death within just a few hours.*

Such is written on the dust jacket of a remarkable book titled - *The Golden*

*Seven Plus One*, written by C. Samuel West, D.N., N.D.

In a nutshell, the 'Seven Golden Discoveries' referred to here, reveal why and how 'trapped' blood proteins around the cells produce the conditions that cause pain, loss of energy, viral infections, bacterial infections, allergies, parasites, heart disease, cancer, obesity, stroke, high blood pressure, polio, cerebral palsy, MS, arthritis, and other crippling and killer diseases.

"We have now come to know that life and death are both a part of the blood stream. The blood brings oxygen and nutrients to the cells; but disobedience to the mental, nutritional, and physical laws of health will trap the blood proteins around our cells, block the circulation, upset the chemical balance in the cells, and produce the conditions that cause loss of energy, disease and death."

"These discoveries have opened up a new science called, 'The Art of Lymphacising' which reveals a way of untrapping the blood proteins and keep them circulating in the body via the lymphatic system."

(For further info on the book, see the book review section this issue.)

The Anti-Static RH 48 Lymphaciser (see ad on p.25) looks at first glance like a new improved rebounder, you know those mini-trampoline things that now sit in the corner of many people's homes.

But there the difference ends. The Lymphaciser is wired up so that it is 'harmonically tuned' so as to reduce the jarring effect given by the other models. And the difference is very notice-

## SPECIAL REPORT: CE-4

### Attracting UFO's with a magnetic anomaly

In February 1992, I began research into attracting UFOs to a given location. I have had, what I would term, great success with this project.

The information in this report will describe the details and results from this project, it will be complete enough for the average person to duplicate it.

By playing cassette of computer generated wave-forms through a simple magnetic coil, an unusual magnetic anomaly is produced. It is this anomaly which has attracted these 'visitors' to my area.

For a copy of this report, and cassette tape, send US\$19.95, + US\$3.00 postage to:

TODD RESEARCH, 1 Highland Avenue - Unit #12,  
New Hampshire 03038 USA

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able.

I perused a pile of testimonials after a visit to our office by the visiting lecturer, Ian Pettitt, a certified and registered Lymphologist in Australia for a few months. Obviously a lot of people are already very satisfied with their improved health, simply by the gentle 'bouncing' exercises provided with the Lymphaciser.

We can highly recommend the Lymphaciser, and encourage readers to also obtain the book, *The Golden Seven Plus One*. Your health is well worth this outlay.

## MINI BIOGRAPHY OF CHLADNI

Ernst Florens Friedrich Chladni (k্লাhd'nee) - German Physicist

Born: Wittenberg, Saxony, November 30, 1756

Died: Breslau, Silesia (modern Wroclaw, Poland), April 3, 1827

Chladni, the son of a lawyer, found his own education directed to the law, much against his will. He received his degree from the University of Leipzig in 1782, but when his father died Chladni was able to consult his own interests more freely, and these lay in the direction of science.

Since he was interested in music and was himself an amateur musician, he began to investigate sound waves mathematically in 1786.

He was the first to work out the quantitative relationships governing the transmission of sound and is therefore called the Father of Acoustics.

Chladni set thin plates, covered with a layer of sand, to vibrate. The plate vibrated in a complex pattern, with some portions (nodal lines) remaining motionless. The nodal lines retained sand shaken onto them by the neighbouring areas that were vibrating.

In this way the plates came to be covered with characteristic sand patterns from which much could be deduced concerning vibrations.

The patterns (which are still called Chladni figures) fascinated the audience when they were exhibited before a gathering of scientists at Paris in 1809. Napoleon had the demonstration repeated for himself.

The velocity of sound had already been measured in air by Gassendi and others two centuries earlier, but Chladni went a step further.

He filled organ pipes with different gases and from the pitch of the note sounded on those pipes was able to calculate the velocity of sound in each of those cases.

The free vibration of a column of gas determines its pitch, and that vibration depends on the natural mobility of the molecules making it up.

The velocity of sound through the gas also depends on the natural mobility of those molecules, so that the velocity of sound in a particular gas can be calculated from the pitch sounded by an organ pipe filled with gas.

Chladni invented a musical instrument called the Euphonium, made of glass rods and steel bars that were sounded by being rubbed with the moistened finger, and travelled about Europe performing on this instrument and giving scientific lectures.

He also had a collection of meteorites and was one of the first scientists to insist that these fell from the heavens, as a number of peasants, who claimed they had seen it happen, had reported.

In 1794 he wrote a book on the subject and suggested the meteorites to be the debris of an exploded planet.

In the very reasonable Age of Reason of the late eighteenth century, scientists were reluctant to believe such obviously tall tales, until Biot settled matters at the turn of the century.

Modern research into the phenomena elicited in Chladni figures can be primarily attributed to the late Dr. Hans Jenny of Switzerland.

Dr. Jenny attempted to develop a system which would show Chladni figures in three dimensions through the use of computer imaging.

His best 3D efforts resulted from the use of a plastic material of extremely fine grain which possessed a modest attraction to allow the formation and transmutation of lifelike structures from excitation by acoustic waves.

An excellent film of Dr. Jenny's work demonstrates the many unusual phenomena which occur when various sounds are played against each other. This film is included in a video entitled "Cymatics" which also features the current work of Dr. Peter Guy Manners on the healing aspects of complex waveforms. ❀